



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D119-796-241
Job Sheet 170329



Part No: D119-796-241

Job Qty: 1 ea

Part Name: Aft Crosstube Installation Without Step (No Hardware)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/15/18

Job Tracking No:

Due Date: 1/19/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Ship Via:

DAS
10
9-89
REV. J

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/16/18	0.00	0.00	Start Up Crosstubes-1		GP DP2
120	Packaging	1 pcs		1/16/18	0.00	0.00	Packaging1-1		DP2
130	CNC Bend Crosstubes	1 pcs		1/16/18	4.67	4.17	CNC Bend Crosstube		DAS DP2/GP
140	QC	1 pcs		1/16/18	0.00	0.00	QC15		38 9-89
145	Crosstubes	1 pcs		1/16/18	0.00	3.30	Crosstubes-1		GP 9-89
150	Crosstubes	1 pcs		1/16/18	0.00	3.30	Crosstubes-1		GP 9-89
160	HandFXtube	1 pcs		1/17/18	0.00	1.28	HandFinish5		GP 9-89
170	QC	1 pcs		1/17/18	0.00	0.00	QC7-1		38 DAS 9-89
175	QC	1 pcs		1/17/18	0.00	0.00	QC5		38 9-89
180	Outsource	1 pcs		1/18/18			SKY002-VC	393/42	MAR 15 2018 9-89
190	Packaging	1 pcs		1/18/18	0.00	0.00	Packaging2		AT 18/03/15
200	QC	1 pcs		1/18/18	0.00	0.00	QC5		38 9-89
230	SprayPaint	1 pcs		1/18/18	0.00	1.31	Spray Paint (PRIMER)		22/04/2018 13067
240	QC	1 pcs		1/18/18	0.00	0.00	QC14		AP MAY 10 2018
242	Crosstubes	1 pcs		1/18/18	0.00	3.30	Crosstubes-1		AP MAY 10 2018
244	QC	1 pcs		1/18/18	0.00	0.00	QC5		AP
246	SprayPaint	1 pcs		1/18/18	0.00	1.31	Spray Paint		AP MAY 19 2018
248	SprayPaint	1 pcs		1/18/18	0.00	1.31	Spray Paint		AP MAY 19 2018
250	QC	1 pcs		1/18/18	0.00	0.00	QC14		AP
252	Crosstubes	1 pcs		1/19/18	0.00	3.30	Crosstubes-1		AP 24/05/2018
260	QC	1 pcs		1/19/18	0.00	0.00	QC5		AP
270	Packaging	1 pcs		1/19/18	0.00	0.00	Packaging1-1		DAS AP MAY 24 2018
280	QC	1 pcs		1/19/18	0.00	0.00	QC4		6 MAY 25 2018
285	DC	1 pcs		1/19/18	0.00	0.00	DC		9-89
290	Packaging	1 pcs		1/19/18	0.00	0.00	Packaging3-1	L6050	AP MAY 24 2018
300	QC21-FG	1 Ea		1/19/18	0.00	0.00	QC21		21 9-89

Part Op 130 - Bend tube as per Dwg D119-796-241 using CNC bender program

Descriptions: 145 - 1- CUT TUBE AT HEIGHT ON FAI SHEET

150 - ***** ENSURE PROPER JIG POSITIONING *****

160 - ***IMMEDIATELY AFTER GRINDING***

180 - *** WEAR LATEX GLOVES WHEN HANDLING CROSSTUBE***

190 - Ensure copy of NDT results attached to work order.

200 - *** WEAR LATEX GLOVES WHEN HANDLING CROSSTUBE*** Inspect for damage & ensure results are as per Dwg D119-796-241

230 - ***VERIFY BY _____ BATCH # TO MATCH W/O 138687

240 - ***VERIFY BY _____ BATCH # TO MATCH W/O _____



Container No: S048540

Part: D119-796-241

Job No: 170329

Serial No/Batch: S048540

Revision:

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Newbury, ON K6A 1K7
CANADA
TEL: 1 813 632-6200
Email: sales@dartaero.com
www.dartaero.com

Date: 03/06/18

242 - Assemble as per dwg D119-796-241 and QSI 2- Install D5152-043 with proseal 890 on concave surface, 0.100" MIN thick as per dwg using DT10112 (identified right and left) 3- Install center support without bonbing, 4- Install Damper support and contact pads using proseal 890 per dwg and clamp in position. 138784 09/18

244 - ***VERIFY BY _____ BATCH # TO MATCH W/O

246 - ***VERIFY BY _____ BATCH # TO MATCH W/O Primer 138687 Clear 138832

248 - ***VERIFY BY _____ BATCH # TO MATCH W/O Paint 138846

250 - ***VERIFY BY _____ BATCH # TO MATCH W/O

252 - 1- Re-install non fixed hardware per dwg ***Torque clamps on damper and contact pad to 80-100 IN-LBS.*** 2-

Apply a filet-seal of proseal 890 around damper supports and contact pads. * 138784 exp 9/18

260 - ***RE-CHECK TORCQUE ON CLAMP AFTER PROSEAL HAS CURED AS PER DWG.*** 1- ATTACH A RED TAG TO CENTER SUPPORT THAT READS CENTER SUPPORT NOT FIXED THEN DATE AND STAMP IT.

285 - Photocopy bluefile and create labels as per PPP D119-796-241 chg 004

290 - Identify and pack for shipping as per PPP D119-796-241 on w/o 176938

Sikaflex 138787 exp 11/18

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	D119-796-241 TRN	1	7	0	0
242-Crosstubes	CR3212-4-07 FM138333	16	210	0	0
	D2873-043 S050177	4	1	0	0
252-Crosstubes	D5122-1F165637	1	12	0	0
	D5123-1F055153232	6	277	0	0
	D5123-5F153235	2	222	0	0
	D5134-041S000856	1	14	0	0
	D5134-042S001453	1	8	0	0
MS27037-1-08 S020602	D5136-1F165342	1	9	0	0
MS2104263 S054107	D5136-2F165737	1	9	0	0
NAS1149D03323 S035396	D5152-043 S064536	2	14	0	0
	D5515-1 S053280	2	6	0	0
	MS21920-25S050048	6	149	0	0
	MS21920-28 S024477	2	112	0	0
270-Packaging	AN174-3A S002774	2	68	0	0
	MS210424 S056039	2	3	0	0
	NAS1149D0432J FM137459-15	4	628	0	0

Part Specifications

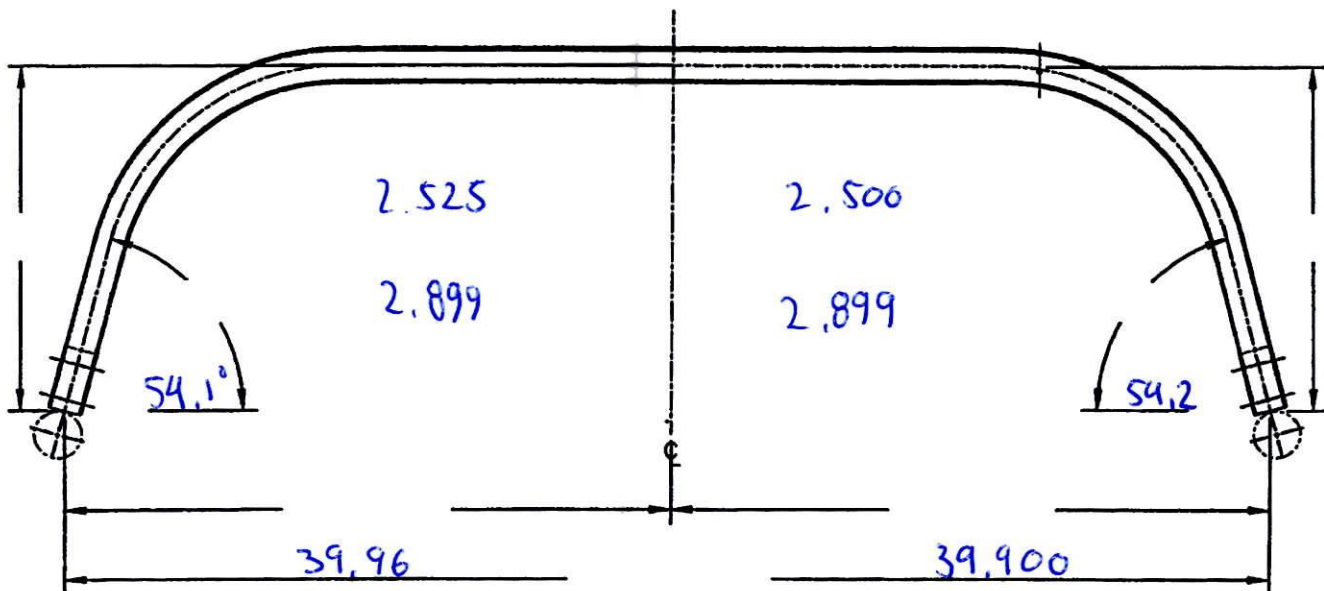
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Crosstube Assembly (AW119 MKII Aft)	5.880Inches ± 0.030	5.910 5.850		
2	Crosstube Assembly (AW119 MKII Aft)	2.516Inches + 0.005 - 0.000	2.521 2.516		
3	Crosstube Assembly (AW119 MKII Aft)	2.626Inches + 0.005 - 0.000	2.631 2.626		
4	Crosstube Assembly (AW119 MKII Aft)	2.627Inches + 0.005 - 0.000	2.632 2.627		
5	Crosstube Assembly (AW119 MKII Aft)	2.798Inches + 0.005 - 0.000	2.803 2.798		
6	Crosstube Assembly (AW119 MKII Aft)	2.799Inches + 0.005 - 0.000	2.804 2.799		
7	Crosstube Assembly (AW119 MKII Aft)	2.989Inches + 0.005 - 0.000	2.994 2.989		
8	Crosstube Assembly (AW119 MKII Aft)	3.191Inches + 0.005 - 0.000	3.196 3.191		
9	Crosstube Assembly (AW119 MKII Aft)	3.200Inches + 0.005 - 0.000	3.205 3.200		
10	Crosstube Assembly (AW119 MKII Aft)	5.880Inches ± 0.030	5.910 5.850		
11	Crosstube Assembly (AW119 MKII Aft)	2.516Inches + 0.005 - 0.000	2.521 2.516		
12	Crosstube Assembly (AW119 MKII Aft)	2.626Inches + 0.005 - 0.000	2.631 2.626		
13	Crosstube Assembly (AW119 MKII Aft)	2.627Inches + 0.005 - 0.000	2.632 2.627		
14	Crosstube Assembly (AW119 MKII Aft)	2.798Inches + 0.005 - 0.000	2.803 2.798		
15	Crosstube Assembly (AW119 MKII Aft)	2.799Inches + 0.005 - 0.000	2.804 2.799		

16	Crosstube Assembly (AW119 MKII Aft)	2.989Inches	+ 0.005	2.994
			- 0.000	2.989
17	Crosstube Assembly (AW119 MKII Aft)	3.191Inches	+ 0.005	3.196
			- 0.000	3.191
18	Crosstube Assembly (AW119 MKII Aft)	3.200Inches	+ 0.005	3.205
			- 0.000	3.200
19	Crosstube Assembly (AW119 MKII Aft)	105.710Inches	± 0.020	105.730
				105.690

Plex 1/15/18 9:43 AM Dart.lajeunesse.marie

DART AEROSPACE LTD		Work Order:	170379
Description: Crosstube Aft, with Step		Part Number:	D119-796-241
Inspection Dwg: D119-796-241 Rev: J		Page 1 of 1	

Required Dimension	Min	Max
Height	24.840	25.100
1/2 Span	39.810	40.070
Angle	54°	57°
Total Span	79.620	80.140
Bending Passes	8	--
Crushing	--	8.5%

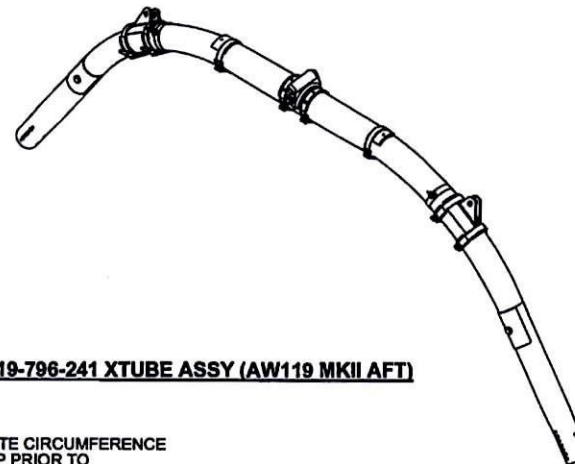


	Side A	Side B
Bending Passes	12	11
Crushing	6.9%	7.4%
Comments		

QC15 Inspection	DAS 38 9-89
Date	MAR 07 2018

Rev	Date	Change	Revised by	Approved
A	15.04.14	New Issue	KJ	
B	15.11.12	Min angle revised	KJ	
C	15.12.15	Dwg Rev updated	KJ	
D	17.07.12	Dwg Rev updated	KJ	

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 170329 MJS
18-01-15



D119-796-241 XTUBE ASSY (AW119 MKII AFT)

NOTES:

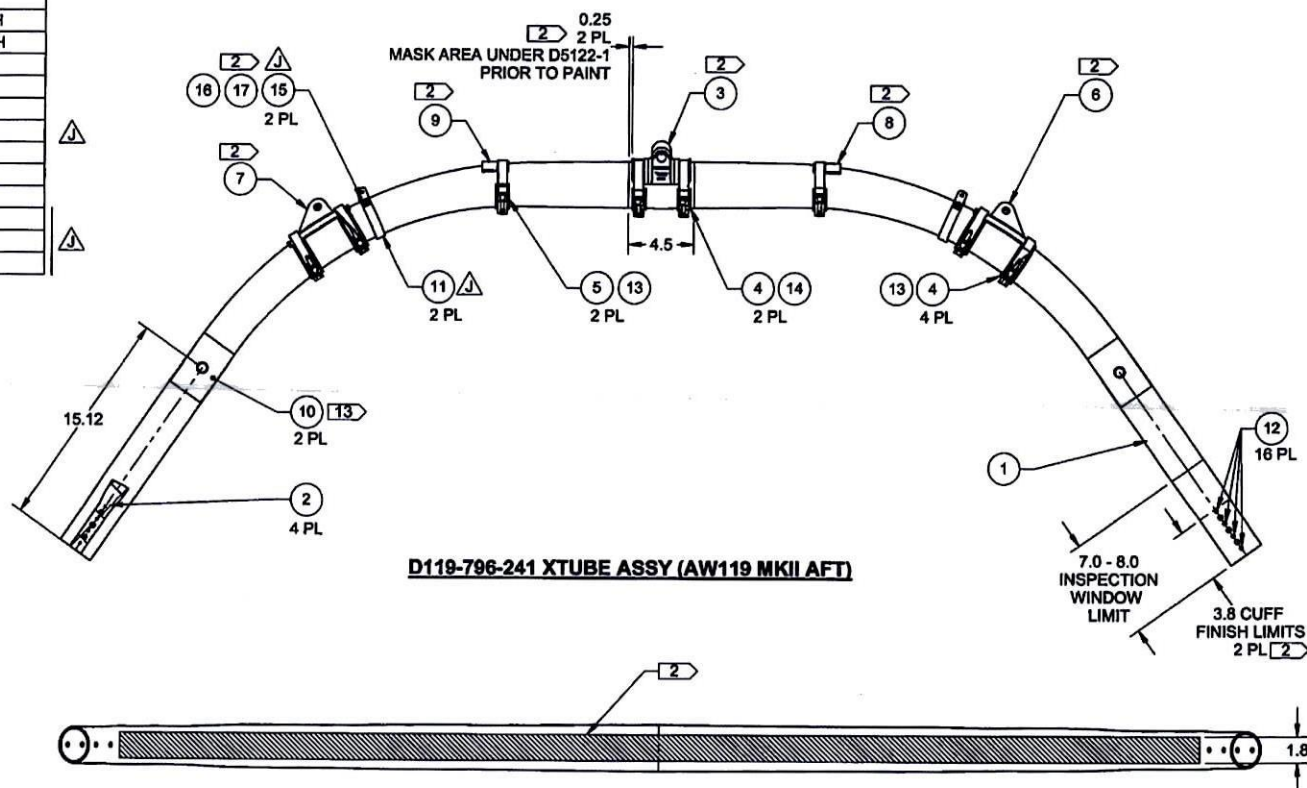
- 1) MATERIAL: N/A
- 2) FINISH: MASK D5134-041/-042 DAMPER SUPPORT ASSEMBLIES, CUFFS, D5136-1/-2 CONTACT PADS, THE COMPLETE CIRCUMFERENCE OF THE TUBE UNDER THE D5122-1 CENTER SUPPORT AND THE TAB ON THE D5515-1 GROUNDING CLAMP PRIOR TO APPLICATION OF CLEAR COAT/PAINT.
IF NECESSARY TOUCH UP PRIMER ON OUTSIDE OF CROSSTUBE PER DART QSI 005 4.2.
APPLY MATTE CLEAR COAT TO THE UNDERSIDE OF CROSSTUBE AS SHOWN (B4-2, HATCHED AREA) PER QSI 005 4.2.
MASK THE UNDERSIDE OF CROSSTUBE AS SHOWN (B4-2, HATCHED AREA).
PAINT OUTSIDE PER DART QSI 005 4.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY USING PART NUMBER "D119-796-241" AND BATCH NUMBER ON INSIDE OF CUFF PER QSI 044 6.4
- 7) WEIGHT: 28.26 lbs
- 8) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE.
THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM DEFECTS SUCH AS SCRATCHES, NICKS OR DENTS. DEFECTS UP TO 0.005 MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.
- 9) INSTALL D5122-1 CENTER SUPPORT HAND TIGHT ONLY. DO NOT TORQUE. INSTALL RED TAG TO INDICATE "D5122-1 CENTER SUPPORT MUST BE BONDED PER IIN-D119-796 PRIOR TO FLIGHT".
- 10) PRIOR TO FINISHING, ABRASE MATING SURFACES OF D5136-1/-2 AND SURFACE OF CROSSTUBE WITH SCOTCH BRITE 7447 RED AND REMOVE RESIDUE WITH DUPONT 4105S WASH 'N' WIPE DEGREASER. APPLY A 0.100" MIN THK LAYER OF PROSEAL 890 ON THE INSIDE CONCAVE SURFACE OF THE D5136-1/-2 CONTACT PADS AND INSTALL AT AN 8.4" OFFSET FROM THE CROSSTUBE BENDING PLANE. INSTALL MS21920-25 CLAMPS AND D5123-5 CLAMP CUSHIONS WHILE WET. PRIOR TO PACKAGING, RE-CHECK TORQUE ON CLAMPS AFTER PROSEAL 890 SEALANT HAS CURED FOR 72 HOURS.
- 11) TORQUE MS21920 CLAMPS 80 - 100 IN-LB. ENSURE AT LEAST 1.5 THREADS SHOWING IN SAFETY. THE NUT HAS NOT BOTTOMED-OUT AFTER TORQUING AND THE NUT IS FACING AFT.
- 12) PRIOR TO FINISHING, POSITION AND INSTALL D5134-041/-042 DAMPER SUPPORTS USING JIG DT10085. ABRASE MATING SURFACES OF THE D5134-041/-042 DAMPER SUPPORTS AND CROSSTUBE WITH SCOTCH BRITE 7447 RED AND REMOVE RESIDUE WITH DUPONT 4105S WASH 'N' WIPE DEGREASER. APPLY A 0.100" MIN THK LAYER OF PROSEAL 890 ON THE INSIDE CONCAVE SURFACE OF THE D5134-041/-042. INSTALL MS21920-25 CLAMPS AND D5123-1 CLAMP CUSHIONS WHILE WET. PRIOR TO PACKAGING, RE-CHECK TORQUE ON CLAMPS AFTER PROSEAL 890 SEALANT HAS CURED FOR 72 HOURS. ENSURE THAT THE MS21920 CLAMPS ARE POSITIONED AS SHOWN IN DETAIL C.
- 13) PRIOR TO FINISHING, ABRASE MATING SURFACES OF CROSSTUBE AND D5152-043 WITH SCOTCH BRITE 7447 RED AND REMOVE RESIDUE WITH DUPONT 4105S WASH 'N' WIPE DEGREASER. INSTALL D5152-043 WITH LAYER OF PROSEAL 890 ON INSIDE CONCAVE SURFACE. 0.100" MIN THK LOCATE D5152-043 USING TOOL DT10112.
- 14) INSTALL THE D5515-1 GROUNDING CLAMP AND ASSOCIATED HARDWARE PER DETAIL "C" PRIOR TO FINISHING. TORQUE THE MS21042-3 NUT 12-15 IN-LB. COMPLETELY SEAL THE EDGES OF THE CLAMP USING PROSEAL 890.
- 15) CARRY OUT A RESISTANCE CHECK BETWEEN THE D5515-1 GROUNDING CLAMP AND ANY UNPAINTED SECTION OF THE CROSSTUBE IN ACCORDANCE WITH AC43-13-1B CHAPTER 11. MAXIMUM RESISTANCE IS 3 MEGOHMS.

RELEASED
2017-05-04
ECN 17-538

J	ADD NOTE 14 & 15 ON SHT 1. ADD PAINT/PRIMER MASKING LOCATIONS, REVISE NOTES ON SHT 1 & 4. REVISE BOM ON SHT 2 TO ADD GROUNDING CLAMP AND ASSOCIATED HARDWARE. REF PAR 17-580	ML	17.02.10
I	D6023-106 MATERIAL REPLACES D6009-106. D5136-1/-2 & D5134-041/-042 NOW INSTALLED ON PRIMER.	AP	15.10.13
H	NOTE 9 RE-WRITTEN. BONDING INSTRUCTIONS MOVED TO IIN. SEE PREVIOUS REV FOR DETAILS.	AP	15.07.02
G	FINISHING ORDER ADJUSTED. UPDATE BEND TOLERANCE AND TRN DETAIL TOLERANCE TO MATCH D119-796-141 DWG	AP	15.04.24
F	REMOVED PRIMER/PAINT ON CUFFS. 2.516 WAS 2.500 (C8-5)	AP	15.02.03
E	D5152-043 WAS D5150-3, SCOTCH BRITE 7447 RED WAS 180 GRIT SANDPAPER	DB	15.01.15
D	ADD D5150-3 STEP POST (2X). MOVED INSPECTION WINDOW DETAIL TO SHT 1, MODIFIED NOTES ON SH 1 & 3	DB	14.11.25
C	CR3212-4-07 RIVETS WAS CR3212-4-05 RIVETS. RADIUS BLOCK WAS NUT PLATE ASSEMBLY (BOM). REMOVED 7.5 DEG CUFF HOLE OFFSET (A1-3). REDUCED CUFF DIA TO 2.500 (C8-5). ADD INSPECTION WINDOW	AP	14.10.23
B	ORIENTATION OF D5122-1 CENTER SUPPORT WAS CORRECTED. D5123-5 ADDED UNDER D5136-1/-2 CONTACT PADS. ADDED D2873-043 NUT PLATE ASSY & CR3212-4-05 RIVETS. ADDED REFERENCE TO SKIDTUBES FOR LOCATING CUFF HOLES. RE-ORGANIZED NOTES. REMOVED REDUNDANT INFORMATION.	AP	14.09.08
A	NEW ISSUE	AP	14.08.07
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	JMH	DRAWING NO.	REV. J
MFG. APPR.	DP	D119-796-241	SHEET 1 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	XTUBE ASSY (AW119 MKII AFT)	NTS
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APPROVED

ITEM	QTY	P/N	DESCRIPTION
	X	D119-796-241	XTUBE ASSY (AW119 MKII AFT)
1	1	D119-796-241BND	CROSSTUBE, AFT
2	4	D2873-043	RADIUS BLOCK
3	1	D5122-1	CENTER SUPPORT
4	6	D5123-1	CLAMP CUSHION
5	2	D5123-5	CLAMP CUSHION
6	1	D5134-041	DAMPER SUPPORT ASSY, LH
7	1	D5134-042	DAMPER SUPPORT ASSY, RH
8	1	D5136-1	CONTACT PAD, LH
9	1	D5136-2	CONTACT PAD, RH
10	2	D5152-043	AFT POST MOUNT ASSY
11	2	D5515-1	GROUNDING CLAMP
12	16	CR3212-4-07	CSK RIVET, CHERRY MAX
13	6	MS21920-25	CLAMP
14	2	MS21920-28	CLAMP
15	2	MS27039-1-08	SCREW, PAN-HEAD
16	2	MS21042-3	NUT
17	4	NAS1149D0332J	WASHER

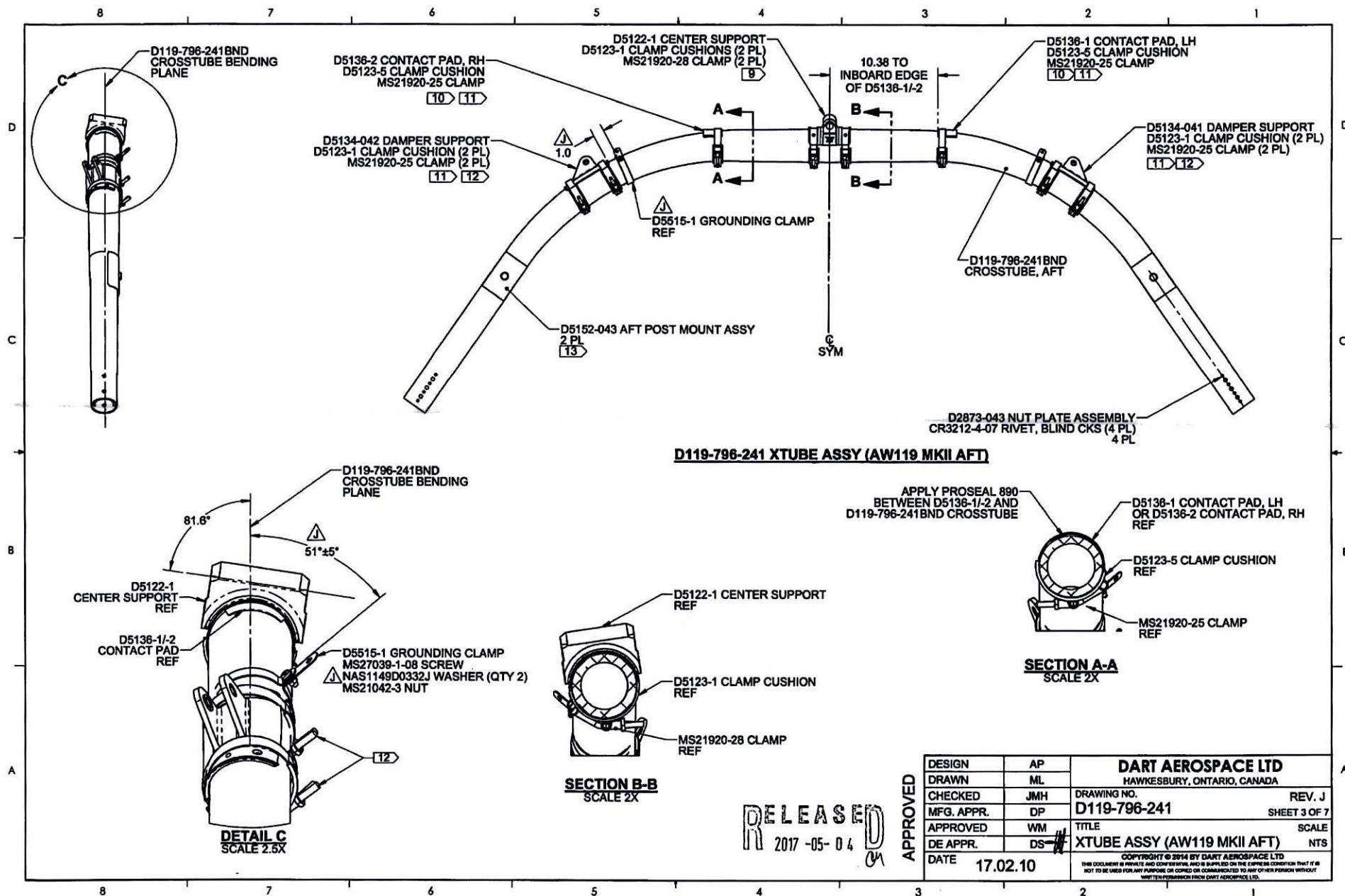


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MFG. APPR.	DP
APPROVED	WM
DE APPR.	DS
DATE	17.02.10

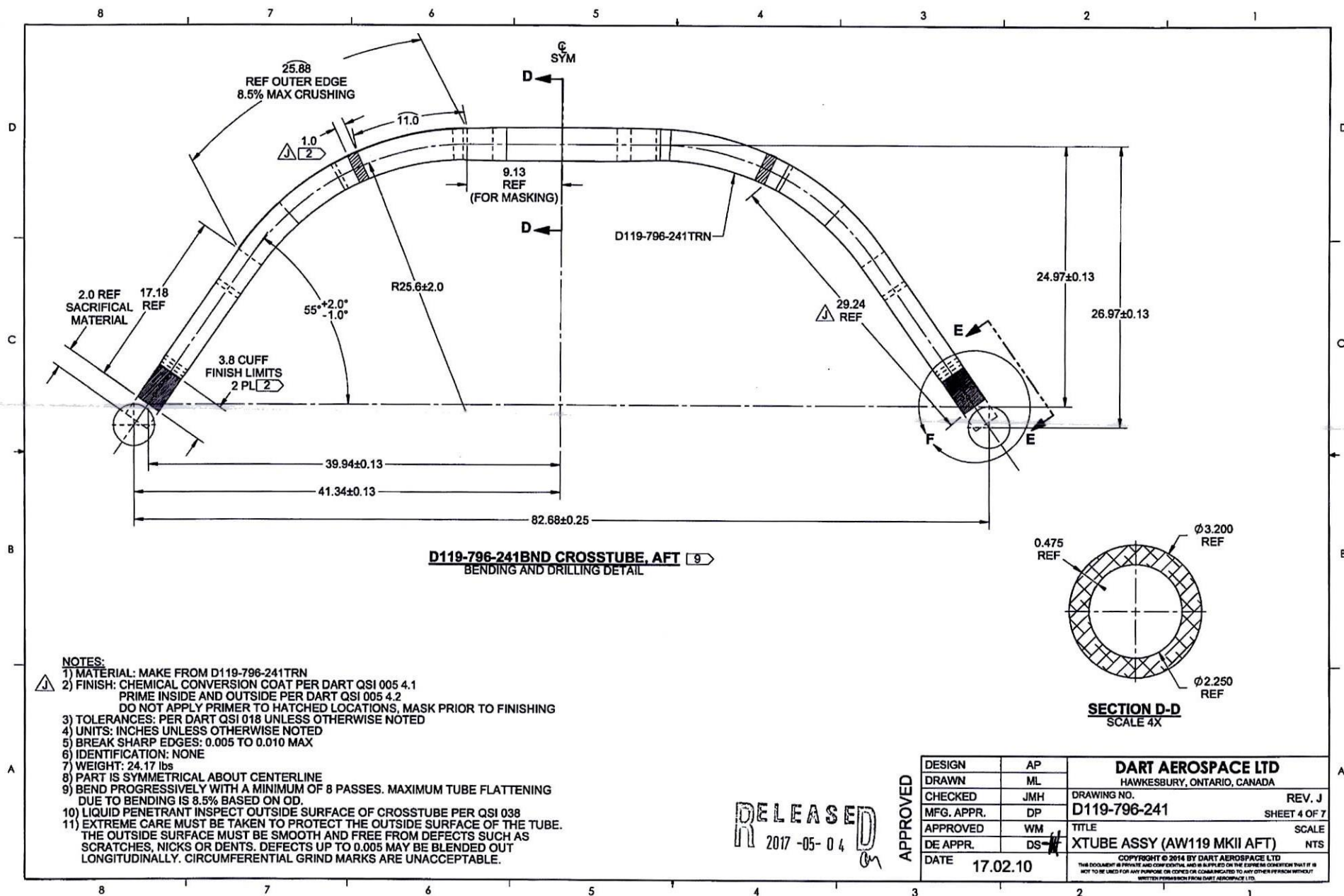
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D119-796-241	REV. J SHEET 2 OF 7
TITLE XTUBE ASSY (AW119 MKII AFT)	SCALE NTS
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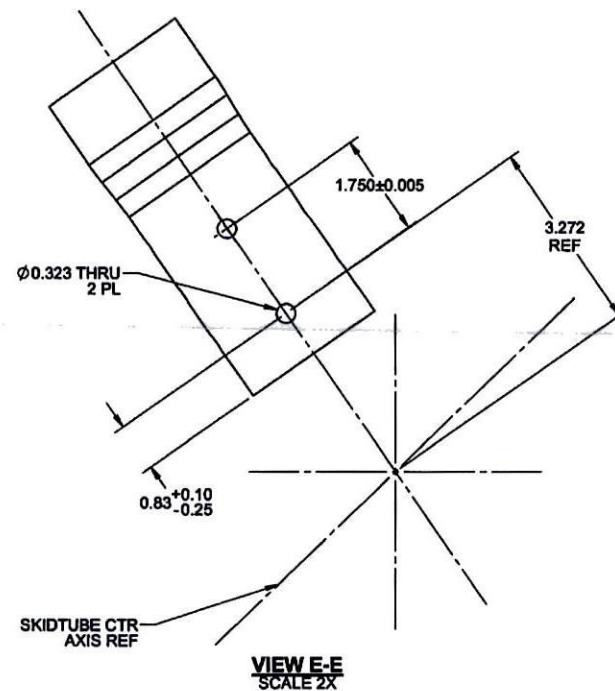
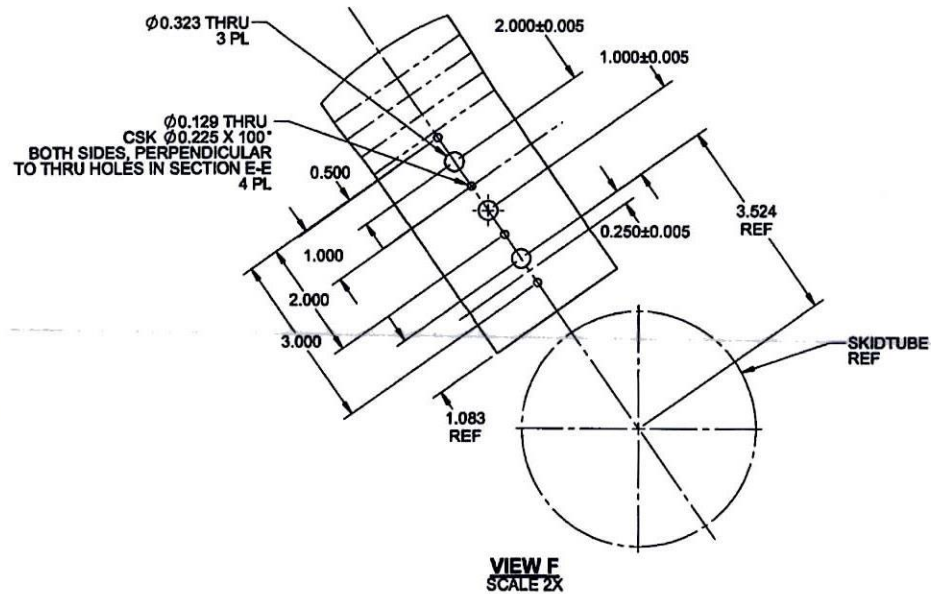


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2017-05-04

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DRAWN	ML	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	DRAWING NO.	REV. J
MFG. APPR.	DP	D119-796-241	SHEET 3 OF 7
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DE APPR.	DS	XTUBE ASSY (AW119 MKII AFT)	NTS
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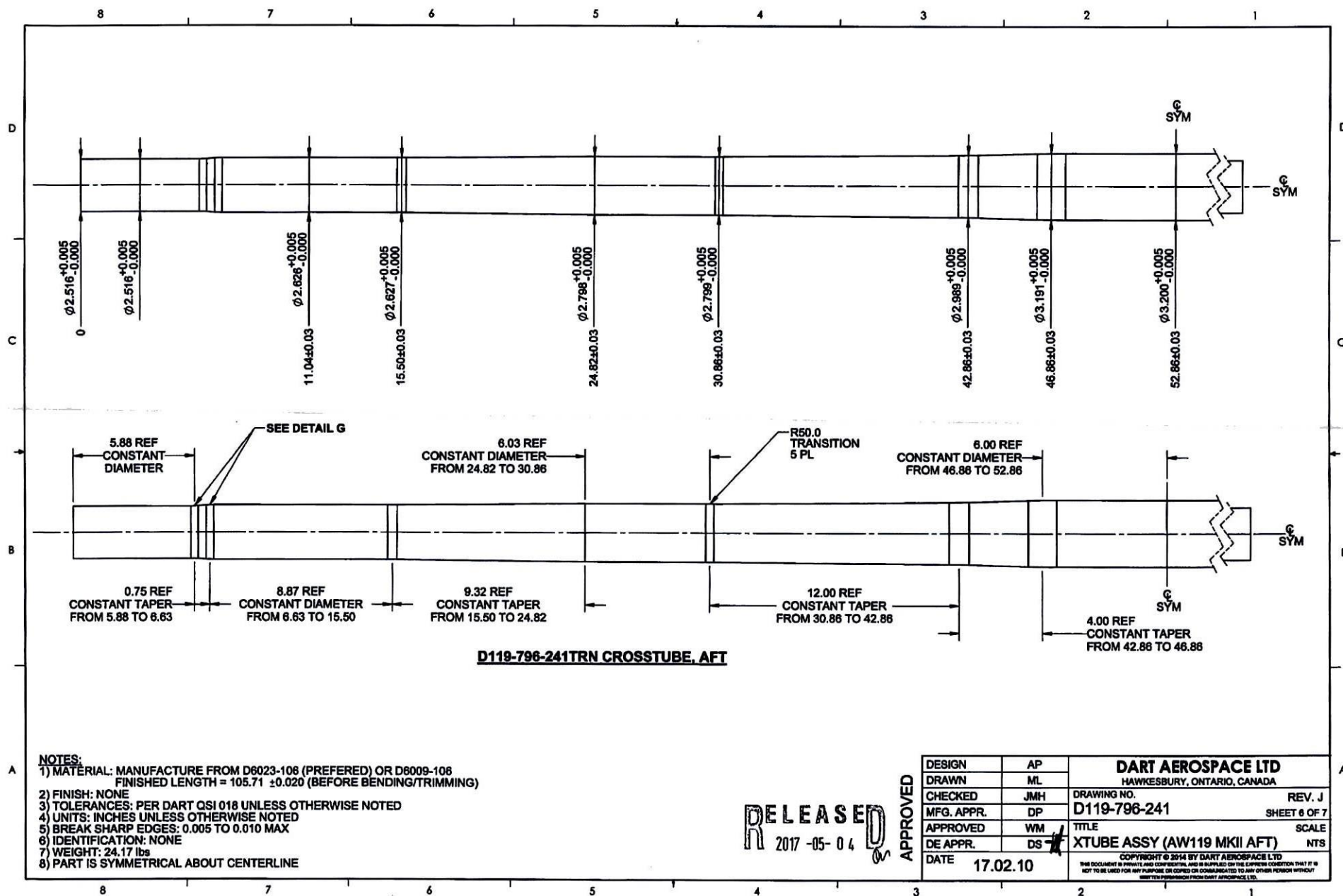


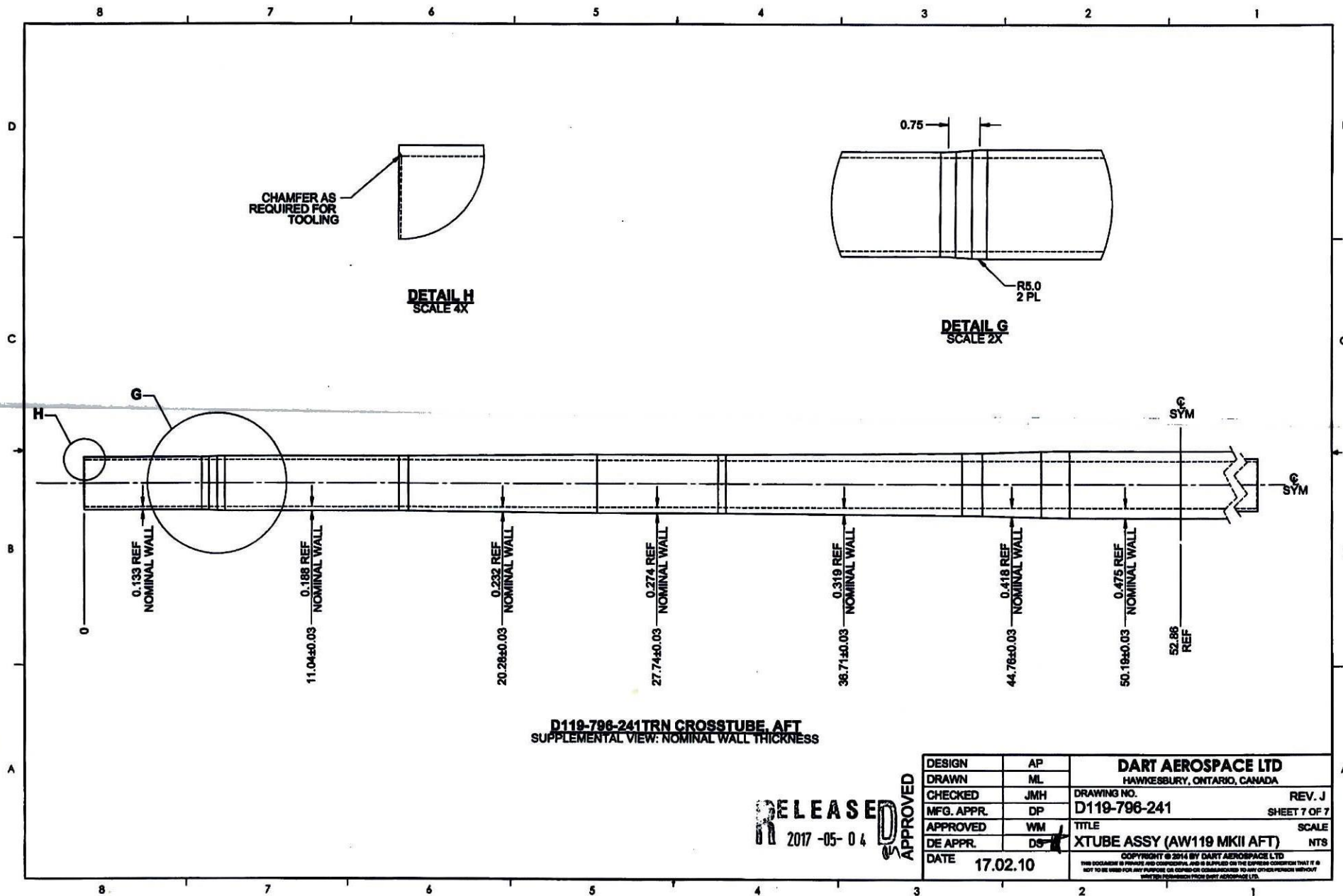


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2017-05-04

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DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	ML		
CHECKED	JMH	DRAWING NO.	REV. J
MFG. APPR.	DP	D119-796-241	SHEET 5 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	XTUBE ASSY (AW119 MKII AFT)	NTS
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2017-05-04

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DRAWN	ML	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	DRAWING NO.	REV. J
MFG. APPR.	DP	D119-796-241	SHEET 7 OF 7
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	XTUBE ASSY (AW119 MKII AFT)	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039316

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO039316

PO Date: 3/14/18

Due Date: 3/15/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	171230	D119-796-141	Fwd Crosstube Installation Without Step (No Hardware) *** WEAR LATEX GLOVES WHEN HANDLING CROSSTUBE*** Liquid Penetrant Inspection as per QSI 038 Or Issue P/O: _____ LPI as per ASTM 1417 Level 2 Attach copy of NDT results to work order	Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
	171232			Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
	171243			Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
Sub Total:						3	0	3		\$395.63
2	170326	D119-796-241	Aft Crosstube Installation Without Step (No Hardware) *** WEAR LATEX GLOVES WHEN HANDLING CROSSTUBE***	Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
	170327			Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
	170328			Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
	170329			Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
	173744			Firmed	3/15/18	1 pcs	0 pcs	1 pcs	\$131.875/pcs	\$131.88
Sub Total:						5	0	5		\$659.38

Grand Total: \$1,055.00

Order Notes

rev'd AT 12/28/15

**skyservice****Work Order Traveler**

Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO35296	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO039316
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:

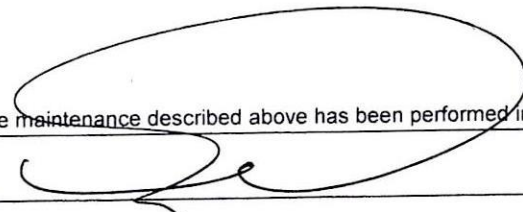
CARRY OUT NDT ON 8 CROSSTUBES AS PER PO039316

5 AFT CROSSTUBES, P/N# D119-796-241 , J/S# 170326 , 170327 , 170328 , 170329 , 173744

3 FWD CROSSTUBES , P/N# D119-796-141 , J/S# 171230 , 171232 , 171243

Action Taken:						Date:	Initial/Stamp:
LPI C/O IAW ASTM E-1417M-13 ***NO CRACK FOUND*** PEN. ZL-56, MPO13600, CLEANER SKC-S MPO13923 , DEV. MPO11715 , UV LIGHT M-20142						MAR 14 2018	 
Description	Location	P/N	Qty	Batch	S/N Off	S/N On	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature: 	ACA/SCA Stamp 	Date: MAR 14 2018
Name: RAFIK MELIKIAN		